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## Derwent Record

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Derwent Title: **Manufacturing method for engine cylinder block - by forming cylinders and casting block around water jacket core**

Original Title: ☒ [DE4230584A1](#): Verfahren zum Herstellen eines Zylinderblocks einer mehrzylindrigen Brennkraftmaschine

Assignee: **BAYERISCHE MOTOREN WERKE AG** Standard company  
Other publications from [BAYERISCHE MOTOREN WERKE AG \(BAYM\)](#)...

Inventor: **BOGNAR J; REGUSEWICZ F;**

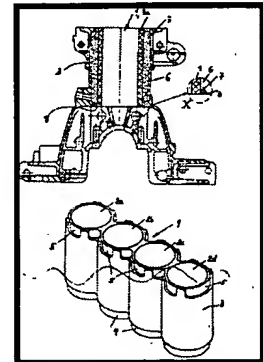
Accession/Update: **1994-093232 / 199412**

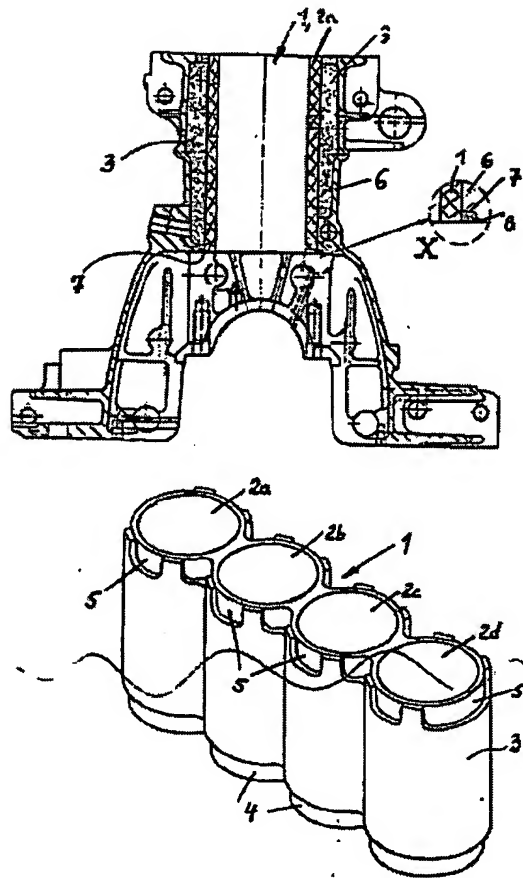
IPC Code: **B22D 19/16 ;**

Derwent Classes: **P53;**

Derwent Abstract: ( [DE4230584A](#)) Cylinder block of a multi-cylinder internal combustion engine is mfd. by method in which the cylinders (1) is first mfd. from Al alloy by e.g. extrusion and a water jacket core (3) is mounted on the cylinders before casting the block (6) round the cylinders by pressure die casting around the assembly.  
**Advantage** - Simple method of achieving stiff, closed-deck structure.

Images:





Dwg. 1/2

Family:

PDF Patent

Pub. Date Derwent Update Pages Language IPC Code

☒ **DE4230584A1** \* 1994-03-17 199412 4 German B22D 19/16

Local appls.: DE1992004230584 Filed: 1992-09-12 (92DE-4230584)

INPADOC  
Legal Status:

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First Claim:  
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1. Verfahren zum Herstellen eines Zylinderblocks einer mehrzylindrigen Brennkraftmaschine, wobei zunächst die Zylinder als Einheit (1) geformt werden, die anschließend mit einem Gehäuse (6) umgossen wird, **dadurch gekennzeichnet**, daß auf die vorgeformte Zylindereinheit (1) vor dem Umgießen ein Wassermantelkern (3) aufgebracht wird.

Priority Number:

Application Number	Filed	Original Title
<u>DE1992004230584</u>	1992-09-12	VERFAHREN ZUM HERSTELLEN EINES ZYLINDERBLOCKS EINER MEHRZYLINDRIGEN BRENNKRAFTMASCHINE

Title Terms:

MANUFACTURE METHOD ENGINE CYLINDER BLOCK FORMING CYLINDER CAST BLOCK WATER JACKET CORE

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